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34585-A-PCT-USA (070050.1739)

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PCT #265 3/12/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Fisher et al.

Serial No.

09/937,165

Authorized Officer:

Not Yet Assigned

Filed

September 21, 2001

Group Art Unit:

Not Yet Assigned

For

IMPROVED EXPRESSION VECTOR FOR CONSISTENT

CELLULAR EXPRESSION OF THE TET-ON REPRESSOR IN

MULTIPLE CELL TYPES

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INFORMATION DISCLOSURE STATEMENT

OCT 1 8 2002

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Commissioner for Patents Washington, D.C. 20231

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Sir:

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Pursuant to the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants respectfully request that the citations relating to the above-mentioned application listed herein and on the accompanying PTO Form 1449 be made of record in the U.S. Patent and Trademark Office. Copies of the 46 citations listed on the accompanying PTO Form 1449 are enclosed. The Examiner's attention is invited to references marked with an asterisk (*), which are deemed to be particularly relevant.

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The submission of this Information Disclosure Statement does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents are material or constitute "prior art." If the Examiner applies

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any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

This Information Disclosure Statement is being filed, Applicants believe, before the mailing date of a first Office Action on the merits for the above-referenced application. Therefore, Applicants do not believe that any fee is due connection with the filing of this Statement. However, if any fee is due or overpayment made, the Commissioner is authorized to charge any such fee, and to credit any overpayment, to our Deposit Account No. 02-4377. Two copies of this communication are enclosed.

Respectfully submitted,

BAKER BOTTS L.L.P.

Lisa B. Kole

Patent Office Reg. No. 35,225

Anthony Giaccio

Patent Offtice Reg. No. 39,684

Attorneys for Applicants (212) 408-2628

Enclosures

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office O PINFORMATION DISCLOSURE STATEMENT BY APPLICANT Use several sheets if necessary)									Atty. Docket No. 34585-A-PCT-USA (070050.1739)			Serial No. 09/937,165				
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Form PTO-1449 U.S. Department of Commerce Atty. Docket No. 34585-A-PCT-USA Serial No. 09/937,165 (REV. 2-82) Patent and Trademark Office (070050.1739) INFORMATION DISCLOSURE STATEMENT Applicant Fisher et al. BY APPLICANT (Use several sheets if necessary) AU6 2 6 2002 Filing Date September 21, 2001 Group Not Yet Assigned Faiss, M., Zalubilova, J., Strnad, M., and Schmulling, T. (1997). Conditional transgenic expression of the ipt gene indicates a function for cytokinins in paracrine signaling in whole tobacco plants. Plant J. 12:401-415. 10. Fussenegger, M., Moser, S., Mazur, X., and Bailey, J.E. (1997). Autoregulated multicistronic expression vectors provide one-step cloning of regulated product gene expression in mammalian cells. Biotechnol Prog. 13:733-740. 11. Hoffmann, A., Villalba, M., Journot, L., and Spengler, D. (1997). A novel tetracyclinedependent expression vector with low basal expression and potent regulatory properties in various mammalian cell lines. Nucl. Acd. Res. 25:1078-1079. 12. Holwell, T.A., Schweitzer, S.C., and Evans, R.M. (1997). Tetracycline regulated expression of vimentin in fibroblasts derived from vimentin null mice. J. Cell. Sci. 110:1947-1957. 13. Jost, M., Kari, C., and Rodeck, U. (1997). An episomal vector for stable tetracycline-regulated gene expression. Nucleic Acids Res. 25:3131-3134. 14. Thompson, A.J., and Myatt, S.C. (1997). Tetracycline-dependent activation of an upstream promoter reveals transcriptional interference between tandem genes within T-DNA in tomato. Plant Mol. Biol. 34:687-692. 15. Hofmann, A., Nolan, G.P., and Blau, H.M. (1996). "Rapid retroviral delivery of tetracyclineinducible genes in a single autoregulatory cassette. Proc. Natl. Acad. Sci. USA 93:5185-5190. 16. Jiang, H., Su, Z.Z., Lin, J.J., Goldstein, N.I., Young, C.S., and Fisher, P.B. (1996). The melanoma differentiation associated gene mda-7 suppresses cancer cell growth. Proc. Natl. Acad. Sci. USA 93:9160-9165. 17. Liang, X., Hartikka, J., Sukhu, L., Manthorpe, M., and Hobart, P. (1996). Novel, high expressing and antibiotic-controlled plasmid vectors designed for use in gene therapy. Gene Ther. 3:350-356. 18. Paulus, W., Baur, I., Boyce, F.M., Breakefield, X.O., and Reeves, S.A., (1996). Self-contained, tetracycline-regulated retroviral vector system for gene delivery to mammalian cells. J. Virol. **70:**62-67. Schultze, N., Burki, Y., Lang, Y., Certa, U., and Bluethmann, H. (1996). Efficient control of 19. gene expression by single step integration of the tetracycline system in transgenic mice. Nat. Biotechnol. 14:499-503. *20. Shockett, P.E., and Schatz, D.G. (1996). Diverse strategies for tetracycline-regulated inducible gene expression. Proc. Natl. Acad. Sci. USA 93:5173-5176. RECEIVED NY02:345454.1 OCT 1 8 2002 Date Considered NOV 0 5 2002 Examiner TECH CENTER 1600/2900

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Form PTO-1449 U.S. Department of Commerce Atty. Docket No. 34585-A-PCT-USA Serial No. 09/937,165 (REV. 2-82) Patent and Trademark Office (070050.1739) DIP INFORMATION DISCLOSURE STATEMENT Applicant Fisher et al. BY APPLICANT AU6 2 6 2002 (Use several sheets if necessary) Filing Date September 21, 2001 Group Not Yet Assigned Ackland-Berglund, C.E., and Leib, D.A. (1995). The efficacy of tetracycline-controlled gene 21. expression is influenced by cell type. BioTechniques 18:196-200. 22. Baron, U., Ferundlieb, S., Gossen, M., and Bujard, H. (1995). Co-regulation of two gene activities by tetracycline via a bidirectional promoter. Nucleic Acids Res. 23:3605-3606. 23. Dhawan, J., Rando, T.A., Elson, S.L., Bujard, H., and Blau, H.M. (1995). Tetracycline-regulated gene expression following direct gene transfer into mouse skeletal muscle. Somat. Cell. Mol. Genet. 21:233-240. 24. Efrat, S., Fusco-DeMane, D., Lemberg, H., al Emran, O., and Wang, X. (1995). Conditional transformation of a pancreatic beta-cell line derived from transgenic mice expressing a tetracycline-regulated oncogene. Proc. Natl. Acad. Sci USA 92:3576-3580. *25. Gossen, M., and Bujard, H. (1995). Efficacy of tetracycline-controlled gene expression. influenced by cell type: commentary. BioTechniques 19:213-216. Gossen, M., Freundlieb, S., Bender, G., Muller, G., Hillen, W., and Bujard, H. (1995). *26. Transcriptional activation by tetracyclines in mammalian cells. Science 268:1766-1769. 27. Hennighausen, L., Wall, R.J., Tillmann, U.M., and; Furth, P.A. (1995). Conditional gene expression in secretory tissues and skin of transgenic mice using the MMTV-LTR and the tetracycline responsive system. J. Cell. Biochem. 59:463-472. 28. Miller, K., and Rizzino, A. (1995). The function of inducible promoter systems in F9 embryonal carcinoma cells. Exp. Cell Res. 218:144-150. *29. Shockett, P., Difilippantonio, M., Hellman, N., and Schatz, D.G. (1995). A modified tetracycline-regulated inducible gene expression. Proc. Natl. Acad. Sci. USA 92:6522-6566. 31. Fishman, G. I., Kaplan, M.L., and Buttrick, P.M. (1994). Tetracycline-regulated cardiac gene expression in vivo. J. Clin. Invest. 93:1864-1868. 32. Furth, P.A., St. Onge, L., Boger, H., Gruss, P., Gossen, M., Kistner, A., Bujard, H., and Hennighausen, L. (1994). Temporal control of gene expression in transgenic mice by a tetracycline-responsive promoter. Proc. Natl. Acad. Sci USA 91:9302-9306. *33. Gossen, M., Bonin, A.L., Freundlieb, S., and Bujard, H. (1994). Inducible gene expression systems for higher eukaryotic cells" Curr. Opin. Biotechnol. 5:516-520. RECEIVED NY02:345454.1 OCT 1 8 2002 NOV 0 5 2002 Examiner Date Considered **TECH CENTER 1600/2900** ECH CENTER 1600/2900

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Atty. Docket No. 34585-A-PCT-USA (070050.1739) Serial No. 09/937,165

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